

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1-31. (cancelled).
32. (currently amended) An audio system for an automobile having a passenger compartment having at least two seats, said audio system comprising:
- an audio signal source having a plurality of output channels, the plurality of output channels comprising including a left surround output channel and a right surround output channel; [[and]]
- a first plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said left surround output channel; and
- a second plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said right surround output channel;
- wherein [[the]] two seats are positioned side by side, and each of said first and second plurality of electroacoustical transducers are positioned in said passenger compartment with an axis of each electroacoustical transducer oriented generally parallel to an axis of rotation of an occupant's head, such that when the occupant is in any of the two of the seats, the occupant's head is forward of, in a direct field of, and positioned substantially identically relative to a corresponding one of said first plurality of electroacoustical transducers and a corresponding one of said second plurality of electroacoustical transducers.

33. (currently amended) An audio system in accordance with claim 32, wherein said first plurality of electroacoustical transducers are coupled to said audio signal source by a first single equalizer.
34. (cancelled).
35. (currently amended) An audio system in accordance with claim ~~[[34,]]~~ 33, wherein ~~said first plurality of electroacoustical transducers is coupled to said audio signal source by a single equalizer and wherein~~ said second plurality of electroacoustical transducers are coupled to said audio signal source by a second single equalizer.
36. (currently amended) An audio system for an automobile having a passenger compartment having seats, each seat having a ~~seat-back~~, seat-back, said audio system comprising:
- an audio signal source having a plurality of output channels, the plurality of output channels comprising including a left surround output channel and a right surround output channel; ~~[[and]]~~
- a first plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said left surround output channel; and
- a second plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said right surround output channel;
- wherein each of ~~[[the]]~~ said first and second plurality of electroacoustical transducers are positioned in a corresponding seat-back with an axis of each electroacoustical transducer oriented generally parallel to an axis of rotation of an occupant's head, such that ~~[[an]]~~ when the occupant is in any of at least two of the seats, the occupant's head is forward of, in a direct field of, and positioned substantially identically relative to a corresponding one of said first plurality of electroacoustical transducers and a corresponding one of said second plurality of electroacoustical transducers.

37. (currently amended) An audio system in accordance with claim 36, wherein said first plurality of electroacoustical transducers are coupled to said audio signal source by a first single equalizer.
38. (cancelled).
39. (currently amended) An audio system in accordance with claim ~~[[38,]]~~ 37, wherein ~~said first plurality of electroacoustical transducers is coupled to said audio signal source by a single equalizer and wherein~~ said second plurality of electroacoustical transducers are coupled to said audio signal source by a second single equalizer.
40. (currently amended) An audio system for an automobile having a passenger compartment having seats, each seat for accommodating a single occupant, said audio system comprising:
- an audio signal source having a plurality of output channels, the plurality of output channels comprising including a left surround output channel and a right surround output channel; [[and]]
- a first plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said left surround output channel; and
- a second plurality of substantially identical electroacoustical transducers for radiating sound waves corresponding to said right surround output channel;
- wherein a number of electroacoustical transducers in the first and second plurality of electroacoustical transducers is ~~equal to or greater than~~ equal to, or greater than, a number of said seats in the passenger compartment, and
- wherein each of said first and second plurality of electroacoustical transducers are positioned in said passenger compartment with an axis of each electroacoustical transducer oriented generally parallel to an axis of rotation of an occupant's head, such that when the occupant is in any of at least two of the seats, the occupant's head is forward of, in a direct field of, and positioned substantially identically

relative to a corresponding one of said first plurality of electroacoustical transducers and a corresponding one of said second plurality of electroacoustical transducers.

41. (currently amended) An audio system in accordance with claim 40, wherein said first plurality of electroacoustical transducers are coupled to said audio signal source by a first single equalizer.
42. (cancelled).
43. (currently amended) An audio system in accordance with claim ~~[[42,]]~~ 41, wherein ~~said first plurality of electroacoustical transducers is coupled to said audio signal source by a single equalizer and wherein~~ said second plurality of electroacoustical transducers are coupled to said audio signal source by a second single equalizer.
44. (currently amended) An audio system in accordance with claim 32, also comprising:  
a signal processor coupled to said left and right surround output channel channels and  
having an input to receive a signal from an auxiliary source,  
the signal processor being configured to transmit the signal from the auxiliary source to at least the first or second plurality of electroacoustical ~~said~~ transducers in place of  
~~[[a]]~~ at least a respective left or right surround input signal when said ~~auxiliary source~~ signal from the auxiliary source is received on said input of said signal processor.
45. (currently amended) An audio system in accordance with claim 36, also comprising  
a signal processor coupled to said left and right surround output channel channels and  
having an input to receive a signal from an auxiliary source,  
the signal processor being configured to transmit the signal from the auxiliary source to at least the first or second plurality of electroacoustical ~~said~~ transducers in place of  
~~[[a]]~~ at least a respective left or right surround input signal when said ~~auxiliary~~

source signal from the auxiliary source is received on said input of said signal processor.

46. (currently amended) An audio system in accordance with claim 40, also comprising a signal processor coupled to said left and right surround output ~~channel~~ channels and having an input to receive a signal from an auxiliary source, the signal processor being configured to transmit the signal from the auxiliary source to at least the first or second plurality of electroacoustical ~~said~~ transducers in place of ~~[[a]]~~ at least a respective left or right surround input signal when said ~~auxiliary~~ source signal from the auxiliary source is received on said input of said signal processor.
47. (currently amended) An audio system in accordance with claim 32, wherein the axis of each electroacoustical transducer of the first and second plurality of electroacoustical transducers is oriented within  $\pm 20$  degrees of the axis of rotation of the occupant's head.
48. (cancelled).
49. (currently amended) An audio system in accordance with claim 36, wherein the axis of each electroacoustical transducer of the first and second plurality of electroacoustical transducers is oriented within  $\pm 20$  degrees of the axis of rotation of the occupant's head.
- 50-52. (cancelled).